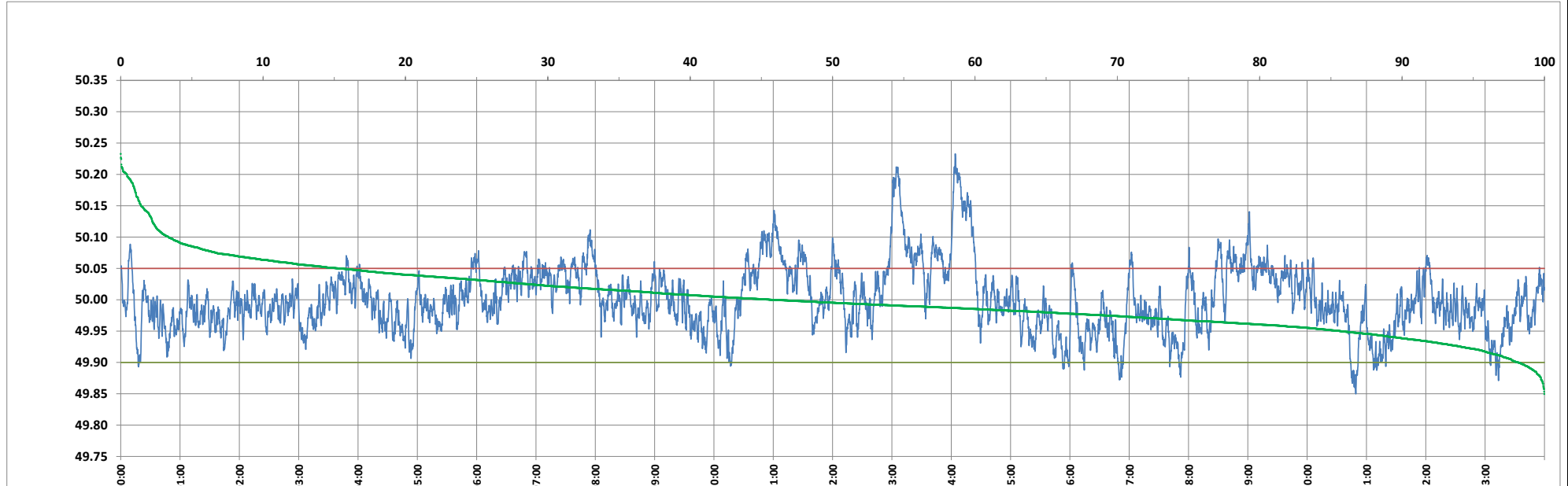


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Aug-2024 (Saturday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	1.83	27.00	0.00	1.83	52.40	42.40	2.94	82.78	99.56	47.04	12.01	45.78	25.96	15.39	0.44	14.32	70.29	12.49

Average Frequency : 50.001	Frequency Variation Index : 0.0272	Standard Deviation : 0.0522	Mileage: 45.2	FDI: 17.2
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.233 14:04:00
Min	49.850 20:49:10

15 minute Average Frequency	
Max	50.171 14:15:00
Min	49.918 21:15:00

No. of excursions	
above 50.03 Hz	123
below 49.97 Hz	174
above 50.00 Hz	196
below 50.00 Hz	195

Average time freq per excursion remains	
below 49.97	0:02:14
above 50.03	0:03:02

No. of hours freq outside 49.9-50.05 Hz	4:08:00
---	---------

Source : AGRA 10 Sec. (8640 samples)